

INTERNATIONAL SEARCH REPORT

IB2004/004191

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L25/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 896 422 A (LU) 20 April 1999 (1999-04-20) column 2, line 27 - line 31 column 2, line 20 - line 23	1-11
X	US 5 673 197 A (KEBA, POWELL) 30 September 1997 (1997-09-30) figures 1,2,4,5	1-6,8-10
X	EP 0 695 064 A (ADVANCED MICRO DEVICES) 31 January 1996 (1996-01-31) column 4, line 52 - column 5, line 6 column 5, line 11 - line 15 figure 4 column 11, line 14 - line 16 column 11, line 20 - line 23	1-6,8-10
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search

2 May 2005

Date of mailing of the international search report

11/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Scriven, P

BEST AVAILABLE COPY

THIS PAGE BLANK (USPTO)

INTERNATIONAL SEARCH REPORT

PCT/IB2004/004191

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/039060 A (INTEL) 8 May 2003 (2003-05-08) cited in the application figure 4	1-6,8-10
X	US 5 825 243 A (SATOSHI SATO, TAKESHI IMAMURA) 20 October 1998 (1998-10-20) figures 3,5	1-6,8-10
X	DARABI ET AL.: "An IF FSK demodulator for bluetooth in 0.35/spl mu/m CMOS" IEEE CUSTOM INTEGRATED CIRCUITS CONFERENCE, 6 May 2001 (2001-05-06), pages 523-526, XP010546944 NEW YORK, US ISBN: 0-7803-6591-7 figure 4 page 524, right-hand column, paragraph 1 - paragraph 2	1-6,8-10
X	US 5 627 860 A (MCKINNY ET AL.) 6 May 1997 (1997-05-06) abstract	1-6,8-10
A	US 5 930 307 A (DELUCA) 27 July 1999 (1999-07-27) figure 2	1-11

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

PCT/IB2004/004191

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5896422	A	20-04-1999	NONE
US 5673197	A	30-09-1997	NONE
EP 0695064	A	31-01-1996	EP 0695064 A1 31-01-1996
WO 03039060	A	08-05-2003	US 2003081697 A1 01-05-2003 WO 03039060 A2 08-05-2003
US 5825243	A	20-10-1998	AU 696736 B2 17-09-1998 AU 7337996 A 22-05-1997 CA 2207818 A1 09-05-1997 CN 1166252 A 26-11-1997 EA 985 B1 28-08-2000 EP 0800736 A1 15-10-1997 WO 9716908 A1 09-05-1997 JP 9186726 A 15-07-1997 KR 258136 B1 01-06-2000 NO 972987 A 29-08-1997 PL 322024 A1 05-01-1998
US 5627860	A	06-05-1997	NONE
US 5930307	A	27-07-1999	NONE